

**UNITED STATES DEPARTMENT OF AGRICULTURE  
NATURAL RESOURCES CONSERVATION SERVICE  
STUDY PLAN**

<b>Study ID code</b>	CAPMC-T-0220-CP	
<b>Title</b>	Evaluation of native BOR plants for use in the revegetation of retired farm land	
<b>National Project No.</b>	Cropland 3.1	
<b>Study Type</b>	AE	
<b>Study status</b>	Active	
<b>Location</b>	CAPMC	
<b>Study Leader</b>	David Dyer, CAPMC	
<b>Duration</b>	2002 - 2005	
<b>Cooperators</b>	BOR, USF&W, ESRP	
<b>Land Use</b>	Cropland	
<b>Vegetative Practices</b>	Primary	643 Restoration and management of declining habitats
	Secondary	645 Upland wildlife habitat management
<b>Resource concerns</b>	<u>Resource</u>	<u>Consideration/Problem</u>
	Soil	Restoration, soil erosion
	Animals	Wildlife
	Plants	T&E species
<b>Long Range Plan</b>	Study falls under Section IV, Part 1 and 4 of the CA PM LRP	
<b>Description</b>	USDI-BOR contract to determine which native species can be developed into a mass produced variety	
<b>Status of Knowledge</b>	Improved plant materials do not exist in large quantities for the restoration of retired farm land.	
<b>Experimental Design Treatment 1</b>	<b>Plot evaluations at field sites</b>	
	Title: Evaluate for production performance	
	Description: Evaluate seed production fields at the PMC and at ESRP site for mechanical harvest abilities for up to 50 species.	

<b>Materials and Methods</b>	Samples of seed cleaned and assembled from BOR collections. Seed will be assembled in 2004. Small lot increases will be placed on landscape fabric for weed control and seed harvest. Large increase lots will be planted (seeded or transplanted) at 30" row spacing. In regards to each species, seed maturity and harvest methods will be evaluated. Seed cleaning methods will be determined.
<b>Final Evaluations</b>	A matrix will be developed which shows harvest methods
<b>Technology Transfer Products</b>	TechNote, foundation seed
<b>Literature Cited</b>	There is a need for central valley native plant species which can be used for restoration of 200,000 acres of retired farm land which will lead to the protection of T&E species habitat.
<b>Keywords</b>	T&E species, restoration, native grass, retired farm land
<b>Review by:</b> <b>Approvals:</b>	CA. State Plant Materials Committee As per approval of CAPMC Business Plan